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(71) Applicant (for all designated States except US): THE BOC GROUP PLC [GB/GB]; Chertsey Road, Windle-sham, Surrey GU20 6HJ (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LIU, Michael,

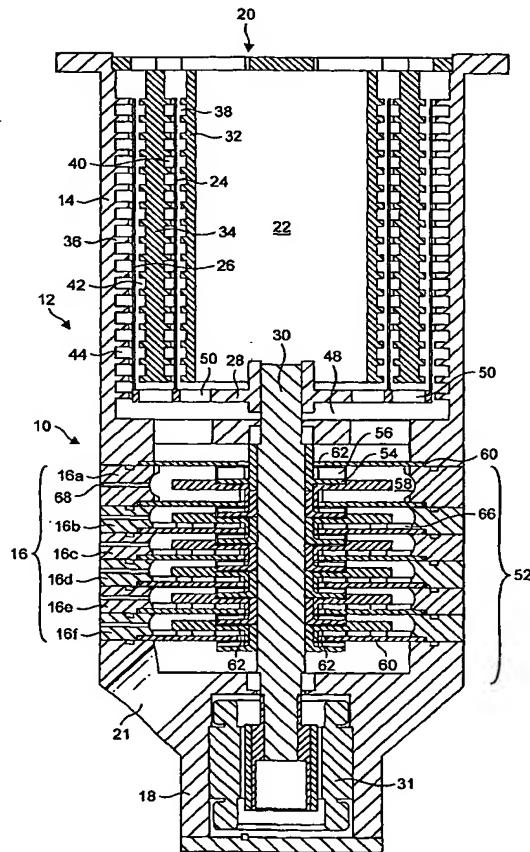
Chjung, Kau [GB/GB]; c/o BOC Edwards, York Road, Burgess Hill, West Sussex RH15 9TT (GB). DOWDESWELL, Stephen [GB/GB]; c/o BOC Edwards, York Road, Burgess Hill, West Sussex RH15 9TT (GB). SCHOFIELD, Nigel, Paul [GB/GB]; c/o BOC Edwards, York Road, Burgess Hill, West Sussex RH15 9TT (GB).

(74) Agent: BOOTH, Andrew, Steven; The BOC Group plc, Chertsey Road, Windle-sham, Surrey GU20 6HJ (GB).

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(54) Title: VACUUM PUMP



(57) Abstract: A vacuum pumping arrangement is described for evacuating a load lock chamber. A booster pump comprises a molecular drag stage and a multi-stage centrifugal compressor mechanism. A backing pump comprises a multi-stage centrifugal compressor mechanism exhausting pumped fluid at atmospheric pressure. Such arrangements can reduce noise, size and vibration levels associated with conventional load lock pumping arrangements.

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